

CLAIMS

1. Laminated glazing comprising two glass sheets (2, 10, 14) and one or more thermoplastic interlayers (12), characterised in that light-emitting diodes (LEDs) (8, 18) are inserted between the two glass sheets, a connecting circuit being formed from at least one conductive layer (6) deposited on one face of the glass sheets or of the thermoplastic interlayers, the conductive layer (6) being divided in at least 2 distinct areas, each area being bound to an electrode .
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2. Glazing according to Claim 1, characterised in that the conductive layer (6) has a thickness in the range of between 0.02 and 0.5 μ , preferably between 0.2 and 0.4 μ .
- 10 3. Glazing according to any one of Claims 1 and 2, characterised in that the layer (6) has a resistance in the range of between 2 and 80 $\Omega/\text{sq.}$, preferably between 10 and 80 and more preferred between 12 and 20 $\Omega/\text{sq.}$
- 15 4. Glazing according to any one of the preceding claims, characterised in that the conductive layer (6) is applied on the transparent substrate (2, 10) and zones (6a, 6b .. 6e) have been insulated from the rest of the layer by narrow insulating bands (4).
5. Glazing according to the preceding claim, characterised in that the insulating bands (4) have a width in the range of between 0.01 and 3 mm, preferably between 0.05 and 1.5 mm, and more preferred between 0.1 and 0.8 mm.
- 20 6. Glazing according to any one of the preceding claims, characterised in that the electronic components (8, 18) have a thickness less than or equal to 3 mm and in particular a thickness in the range of between 0.1 and 1.2 mm.
- 25 7. Glazing according to anyone of the preceding claims, characterised in that the LEDs comprise several semiconductor chips (2) in a casing (24).

8. Glazing according to the preceding claim, characterised in that the casing (24) is dimensioned such that its length and/or a width are at least 10-times larger, preferably 20-times larger and more preferred 40-times larger, than its thickness.

5 9. Glazing according to any one of Claims 7 and 8, characterised in that the casing (24) has a length and/or a width in the range between 5 and 100 mm, preferably between 15 and 75 mm and more preferred between 25 and 50 mm.

10 10. Glazing according to any one of the preceding claims, characterised in that a switch (40) actuating the power supply of the electronic component (8, 18) is formed by a zone of the conductive layer (6) insulated from the rest of the conductor layer by narrow bands (4).